

edp renováveis

Volumes & Capacity Statement 1H20

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Electricity Generated and Installed Capacity

Electricity Generated (GWh)	1H20	1H19	△ %
Spain	2,102	3,009	(30%)
Portugal	1,262	1,635	(23%)
Rest of Europe	1,699	1,967	(14%)
Europe	5,063	6,610	(23%)
US	8,792	8,409	+5%
Canada	41	40	+4%
Mexico	380	401	(5%)
North America	9,213	8,849	+4%
Brazil	388	697	(44%)
Total	14,664	16,157	(9%)

Load Factor (%)	2Q20	2Q19	1H20	1H19
Spain	22%	27%	24%	30%
Portugal	22%	27%	25%	28%
Rest of Europe	25%	22%	31%	27%
Europe	22%	26%	26%	29%
US	34%	36%	36%	36%
Canada	30%	25%	32%	30%
Mexico	45%	44%	44%	46%
North America	35%	36%	36%	37%
Brazil	31%	38%	27%	33%
Total	29%	31%	32%	33%

Renewables Index (vs expected avg.)	91%	99%	91%	96%
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Installed Capacity (MW)	Jun-20	△ YoY	2020			Under Constr.
			Built	Sold	△ YTD	
Spain	1,974	(313)	-	-	-	28
Portugal	1,164	(191)	-	-	-	6
Rest of Europe	1,276	(445)	+13	-	+13	312
Europe	4,415	(949)	+13	-	+13	346
US	5,914	+581	+200	-	+200	1,093
Canada	30	-	-	-	-	100
Mexico	200	-	-	-	-	200
North America	6,143	+581	+200	-	+200	1,393
Brazil	331	(137)	-	(137)	(137)	260
Total	10,889	(505)	+213	(137)	+77	2,000
Spain	152	-	-	-	-	0
US	398	+179	-	-	-	0
Offshore	-	-	-	-	-	330
Equity Consolidated	550	+179	-	-	-	330
EBITDA + Equity Consolidated	11,439	(326)	+213	(137)	+77	2,330

- EDPR produced 14.7 TWh of clean energy in the 1H20, -9% YoY. The YoY evolution comes in line with a lower installed capacity YoY following the execution of EDPR's Sell-down strategy (3Q19: 997 MW of European assets (-1.2 TWh YoY); 1Q20: 137 MW in Brazil (-287 GWh YoY)).

- In the 1H20, operations in Europe, North America and Brazil generated 35%, 63% and 2% of the total output, respectively. In Europe generation decreased 23% YoY, mainly impacted by the deconsolidation of 997 MW in Jul-19 from a Sell-down transaction and by lower wind resource. In North America, output increased +4% YoY to 9.2 TWh, reflecting the new capacity in operation partially impacted by a lower wind resource. In Brazil, production decreased to 388 GWh, driven by the deconsolidation in the 1Q20 of 137 MW from the Sell-down of Babilonia wind farms.

- In the 1H20 EDPR achieved a 32% load factor (vs 33% in the 1H19) reflecting 91% of the expected for a first half year average.

- In Europe, EDPR reached a 26% load factor (-2pp YoY). EDPR accomplished a load factor of 24% in Spain (-6pp YoY). Portugal reached a load factor of 25% (-3pp YoY). In RoE, EDPR delivered a 31% load factor (+3pp YoY) mainly driven by France (+13pp YoY). In North America, EDPR achieved a 36% load factor (-1pp YoY). In Brazil, EDPR reached a 27% load factor (vs 33% in the 1H19, with YoY impacted by Babilonia deconsolidation).

- By Jun-20, EDPR operational portfolio totalled 11.4 GW, of which 4.6 GW in Europe, including 2.1 GW in Spain, 1.2 GW in Portugal, 1.3 GW in RoE, 6.5 GW in North America and the remaining 0.3 GW in Brazil. From the 11.4 GW, 284 MW are related to solar PV and 11,154 MW to wind onshore technology.

- Since Jun-19, EDPR installed a total of 986 MW, including the 50% participation in a 278 MW US solar portfolio. During such period, EDPR successfully completed Sell-downs totalling 1.3 GW and decommissioned 18 MW in Spain for repowering. **Consolidated YoY portfolio net variation was -326 MW.**

- EDPR built 213 MW of wind onshore YTD, corresponding to 13 MW in France and 200 in the US. Pursuing its Sell-down strategy, EDPR successfully concluded the Sell-down of its entire ownership in the 137 MW Babilonia wind farms in Brazil. **All in all, YTD portfolio net variation was +77 MW.**

- As of Jun-20, EDPR had 2.3 GW of new capacity under construction, of which 1,800 MW related to wind onshore, 200 MW to solar PV and 330 MW to equity participations in offshore projects. In terms of wind onshore, in Europe were 346 MW under construction, with 28 MW in Spain (18 MW from repower), 136 MW in Italy, 107 MW in Poland, 60 MW in France, 10 MW in Belgium and 6 MW in Portugal. In North America 1,393 MW were under construction, of which 1,193 MW corresponding to 7 wind onshore projects and 200 MW from a solar project in Mexico. In Brazil 260 MW of wind onshore were under construction. In terms of wind offshore, in the UK, EDPR had 316 MW under construction from Moray East and 14 MW from Windplus floating in Portugal. Windplus comprises 3 turbines, of which two have been already connected to the grid.

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